



ABSTRACT

A system including an anti-jackknifing assembly (Figure 2A) with a remote control on/off switch (Figure 5) and hydraulic cylinder (Figure 4) provides system control to a tractor (Figure 1) and a trailer (Figure 2).

Safe driving practices, such as slower speeds for adverse road conditions and avoiding slick surfaces allows the system to be controlled by the driver for various road conditions as they occur in an attempt to prevent jackknifing. This device will make the operation of a semi-trailer safer and less stressful for the driver. Under adverse road conditions for excelleration and deceleration and general operation of the semi-trailer the probability of serious accidents will be reduced.

In an attempt to get the vehicle moving when stopped under severe road conditions and to get it rolling with the same adverse conditions, it is not uncommon for the tractor to slide to the right or the left of the tractor in the effort to get it rolling. This device will prevent the left or right slide.